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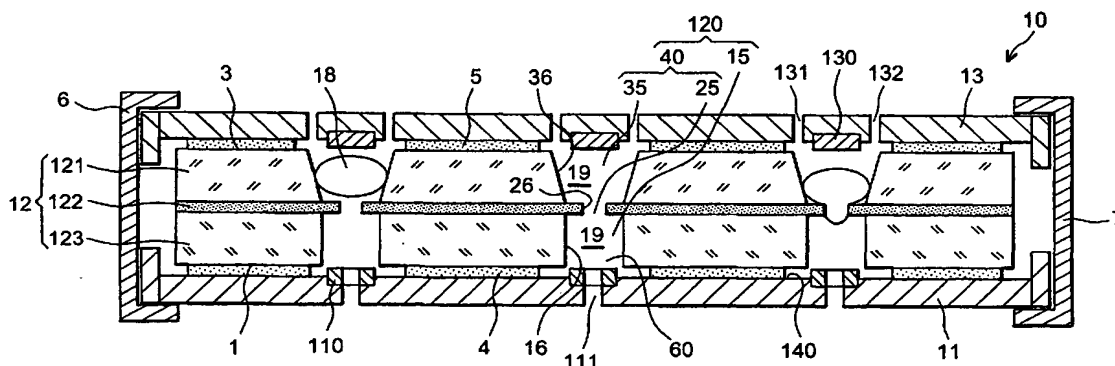
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.(54) Title: DEVICE FOR MEASURING THE ELECTRICAL ACTIVITY OF BIOLOGICAL ELEMENTS AND ITS APPLICA-
TIONS

(57) Abstract: The invention relates to a device for measuring the electrical activity of biological elements, comprising a substrate (12) which has lower and upper faces and at least one through opening (120), said opening being delimited by a set of walls, and characterized in that: it comprises two plates (11, 13) placed on either side of the lower and upper faces of the substrate and delimiting with said set of walls a chamber (19); each of the plates is provided, on its face lying opposite the substrate, with at least one electrode (110, 130) facing the opening in the substrate; each of the plates further has at least one channel that starts inside said chamber and connects the latter to the outside of the device; and the chamber communicates with the outside of the device only through said channels.